## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 7 April 2005 (07.04.2005)

**PCT** 

(10) International Publication Number WO 2005/030159 A1

(51) International Patent Classification<sup>7</sup>: 31/568, A61P 17/00

A61K 7/48,

(21) International Application Number:

PCT/IL2004/000747

(22) International Filing Date: 16 August 2004 (16.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

157535

21 August 2003 (21.08.2003)

(71) Applicant (for all designated States except US): TOP-IMED LTD. [IL/IL]; P.O.B. 7284, South Industrial Zone, 78172 Ashkelon (IL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): DIKSTEIN, Shabtay [IL/IL]; 7 Habanai Street, 96264 Jerusalem (IL).

(74) Agent: REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TOPICAL SKIN PREPARATIONS FOR TREATMENT OF SKIN AGING COMPRISING A TESTOSTERONE ESTER

(57) Abstract: The present invention concerns Topical skin preparations for the use in the prevention of atrophy and aging of the skin, comprising a testosterone ester with an esterifying acid having between six to eleven carbon atoms.